ANSWERS AND SOLUTIONS

LOGOLOGICAL GEOGRAPHY (November 1972) Dmitri A. Borgmann

	Name	Pts	Pg	Loc
1	Angora	2	64	C-2
	Aragon	2	13	D-6
	Onarga	1	32	D-6
	Rogana	2	43	F-7
2	St. Michael	2	65	E-7
3	Malone	0	(44)	D-12
	Malone	2	112	G-5
	Molena	1	28	E-2
4	Burlingame	0	(17)	E-8
	Burlingame	1	41	C-9
5	Lancaster	0	(33)	H-6
	Lancaster	2	112	G-4
6	Moniac	2	29	I-5
	Camino	1	16	E-5
7	Tulsa	2	7	E-6
	Altus	2	92	C-8
8	Brinsmade	2	78	C-5
9	Schubert	2	89	E-9
10	Constantia	1	73	C-7
11	Colbert	2	99	C-10
	Trebloc	2	8	C-1
12	Siasconset	2	53	G-11
13	Shackleton	2	108	E-2
14	Cameron	0	(89)	A-6
	Cameron	2	117	A-7
	Canmore	1	107	E-8
	Cremona	2	107	E-9
	Romance	2	108	D-4
15	Clairemont	2	94	E-6
16	McRea	1	14	B-3
	McRae	1	29	F-4
	Cream	2	101	G-2
17	Conrad	0	(88)	B-6
	Conrad	2	107	F-10
	Candor	2	89	A-8
18	Gander	2	115	B-10
	Garden	2	54	C-2
19	Kinder	1	15	I-2
	Red'kin	2	10	B-1
20	Grand Isle	2	72	A-5
21	Elnora	0	(73)	C-10
	Elnora	2	107	D-9
	Larone	2	47	E-8
	Lenora	2	84	B-5
	Lerona	2	96	F-3
	Lorane	2	86	D-2
	Lorena	1	92	G-10
	Orlean	2	97	D-7
22	Lead	2	103	B-9
	Adel	2	87	G-6
	Dale	2	101	G-5
	Deal	1	68	F-6
	Dela	2	85	E-10
	Leda	2	96	G-6
23	Noel	2	114	E-6
	Elon	2	96	F-6
	Leon	2	116	F-2
24	Notre Dame	0	(114)	D-5
	Notre Dame	2	47	A-7
25	Delevan	0	(72)	D-3
	Delevan	2	16	D-4
26	Forest Park	0	(28)	C-7
	Forest Park	1	82	M-2
	Park Forest	2	36	A-2
27	Lake Forest	1	32	A-6
	Forest Lake	2	89	A-9
28	Forest	0	(14)	F-4
	Forest	2	100	E-1
	Foster	2	113	G-7
29	Regina	0	(13)	B-8
	Regina	2	104	F-4
	Angier	1	77	B-8
30	Hermitage	0	(43)	G-7
	Hermitage	2	97	E-6
31	Terlingua	2	95	I-3
32	Egeria	2	96	F-3
	Iaeger	1	96	F-2
33	Aldine	0	(36)	B-4
	Aldine	2	69	I-2
	Daniel	2	49	B-7
	Delina	2	43	I-7
	Enilda	2	107	B-8

	Name	Pts	Pg	Loc
34	Ellis	0	(65)	F-9
	Ellis	2	101	F-4
	Lisle	2	110	D-6
35	Aniak	1	10	C-3
	Kiana	1	10	B-3
36	Ridgeland	2	100	E-2
37	Haley	2	78	F-2
	Healy	2	40	C-3
38	Arnold	0	(40)	C-4
	Arnold	2	100	E-3
	Orland	2	114	F-1
	Roland	2	58	D-2
	Ronald	2	98	E-1
39	Tarheel	2	77	C-7
40	Caroline	2	101	F-5
	Colerain	1	81	G-10
	Cornelia	2	101	I-3
41	Lenore	2	109	F-7
	El Reno	1	85	C-7
42	Carmel	0	(73)	G-11
	Carmel	2	82	J-4
43	Maiden	1	76	B-5
	Medina	2	111	F-7
44	Lima Center	2	101	I-5
45	Salem	0	(49)	E-9
	Salem	2	114	E-5
	Elams	2	97	G-8
	Selma	2	93	I-9
46	Rome	0	(39)	F-9
	Rome	2	111	E-10
	Omer	2	110	D-2
	Orem	2	102	G-1
	Orme	2	45	I-8
	Remo	2	106	B-1
47	Hamlet	0	(64)	F-4
	Hamlet	2	82	K-3
	Thelma	2	108	F-1
48	Carnation	1	98	C-5
49	Tijuana	2	19	N-10
	Juanita	2	78	D-5
	Juniata	2	108	D-3
50	Scranton	0	(44)	C-12
	Scranton	2	105	G-9
	Cranston	2	53	E-7
51	Leonard	0	(58)	D-3
	Leonard	2	85	C-9
	Oreland	1	91	A-3
52	Molina	2	22	D-4
	Lamoni	2	60	A-3
	Milano	1	92	G-10
53	Mokena	1	32	C-6
	Kemano	2	106	C-2
	Kenoma	2	60	F-3
	Mokane	1	61	D-6
	Nekoma	2	78	B-5
54	Brooklyn	0	(72)	D-2
	Brooklyn	2	114	G-5
	Lynbrook	2	74	G-3
55	Cloverdale	0	(100)	D-1
	Cloverdale	2	114	D-3
56	Ardenvoir	1	99	C-6
57	Cedar Grove	0	(42)	G-4
	Cedar Grove	2	97	C-8
58	Monastery	2	115	E-7
59	Palestine	0	(82)	G-1
	Palestine	2	96	C-3
60	Marble	0	(22)	D-5
	Marble	2	99	A-9
	Ambler	1	91	A-2
	Belmar	1	68	F-6
61	Rosita	0	(23)	E-7
	Rosita	2	116	B-4
	Artois	1	16	D-4
62	Granville	0	(38)	B-2
	Granville	2	60	B-6
63	Bernard	2	39	C-10
	Bradner	1	80	D-4
64	Laeger	2	44	D-15
65	Granite	0	(38)	A-1
	Granite	2	97	C-9
	Tangier	2	115	F-7
66	San Marino	1	20	B-4
67	Ashmore	0	(33)	F-6
	Ashmore	2	94	E-5
	Hermosa	2	95	G-3
68	Downer	0	(58)	F-1
	Downer	2	69	H-3
	Nedrow	2	75	D-7
	Rowden	2	92	F-8
	Wonder	2	86	G-2
	Worden	2	86	G-4
69	Christina	2	63	C-6
	Christian	2	48	F-1
70	Mesa	2	31	E-2
	Ames	2	79	H-5
	Maes	2	13	B-10
71	Manchester	0	(41)	B-7
	Manchester	2	111	D-7
72	Stoneham	2	113	D-8
	Matheson	2	110	C-4
73	Howells	0	(65)	D-9
	Howells	2	73	F-9
	Showell	2	97	D-11

	Name	Pts	Pg	Loc		Place	Pts	Pg	Loc
74	Alderson	2	107	F-10	78	Lamont	0	(101)	I-4
	Roseland	2	65	F-7		Lamont	2	102	B-2
75	Stanhope	0	(113)	G-7		La Mont	2	88	B-4
	Stanhope	2	115	D-6		Almont	2	110	F-2
76	Montrose	0	(15)	F-6		Malton	1	111	E-6
	Montrose	2	79	I-7	79	Nevada	0	(80)	E-5
	Rosemont	2	110	D-6		Nevada	2	41	D-11
	Somerton	2	83	H-10		Adaven	2	66	E-5
77	Warrens	2	101	G-3	80	New Carlisle	2	114	B-4
	Warners	1	73	C-6	81	Blairstown	2	89	C-11

The Rand McNally Road Atlas is, fundamentally, an atlas covering the United States, Canada, and Mexico. Yet, two solutions were found in other countries: Red'kin (19) is a town in Siberia, and Leon (23) is a city in Nicaragua. In 78, the name La Mont was treated as a solution additional to the name Lamont, because the space between the second and third letters of the name makes La Mont an arrangement of the letters differing from Lamont.

Our total score of 303 points (13,326 pages) is quite high, but it is not necessarily the best possible. You may wish to try improving on it, just for the fun of it, or for the intellectual satisfaction generated by the search. If you succeed in finding any improvements, won't you please let us know?

One final note: three of our name scrambles -- Cream (16), Elon (23), and Rowden (68) -- proved to be town names on maps in the atlas. Did you find others as well?

HIDDEN OPPOSITES Mary J. Youngquist

1. mother - father 2. sister - brother 3. love - hate 4. day - night
5. morning - evening 6. heaven - earth 7. floor - ceiling
8. mountain - valley 9. girl - boy 10. child - adult 11. then - now
12. timid - brave 13. weak - strong 14. rich - poor 15. good - evil
16. better - worse 17. fast - slow 18. white - black 19. soft - hard
20. sweet - sour 21. big - little 22. large - small 23. above - below
24. even - odd 25. hand - foot 26. finger - toe 27. male - female
28. earth - sky 29. land - sea 30. buy - sell 31. wide - narrow
32. left - right 33. over - under 34. live - die 35. laugh - cry
36. winter - summer 37. genius - moron 38. drunk - sober
39. bless - curse 40. magenta - green 41. cyan - red
42. yellow - blue 43. war - peace 44. work - play 45. midnight - noon
46. flora - fauna 47. noise - silence 48. open - shut
49. town - country 50. mountain - molehill

SIGHT-READING SUBSTITUTION CIPHERS Jean C. Sabine

3. During an interregnum of the legislature an impregnable said: "We have congregated at this time because we are considering a new production in which we should like Gregory Peck to play

Edward Grieg."
4. Did you know that if all the water in the Great Lakes were pumped out, there would be enough to cover the country from Coast to Coast and from Canada to Mexico to a depth of fifteen feet?
5. A college education can be a big help in later life, especially when it comes to getting football tickets. Bennett.
6. When the doctor prescribes light exercise, he doesn't mean jumping at conclusions, and running up bills.
7. It is necessary always to aim at being interesting rather than exact for the spectator forgives everything except dreariness. Voltaire.
8. Molten lava pours down mountain slopes, wiping out whole villages, sealing escape routes.

LESSER BREEDS WITHOUT THE LAW Leonard R. N. Ashley

1. French 2. Japan 3. Morocco 4. Philistine 5. Java 6. Guinea
7. Scotch 8. Polonaise 9. German 10. Gyp (from Egypt and gypsy)
11. Welsh 12. Tartar 13. Turkey 14. Italic 15. Frank
16. Ethiopian 17. Indian 18. English 19. Jew 20. Dutch

ACRO-CROSSWORDS Walter Shedlofsky

First paragraph	Second paragraph	Third paragraph	Fourth paragraph
K N O W	C H A P	Q U I Z	P T A H
N O M E	L O V E	U N D E	H O R A
O V E R	E P O S	I C O N	O P E N
T A R E	W E N T	P O L O	T E A K

Acrostics: Crossword Puzzles; Four novel squares (second letter down)

First paragraph	Second paragraph
C R A P S	M A N S E
L E R O T	I R A T E
O B E S E	C A B A L
T U N E R	A B O V E
S T A R E	S A B E R

Acrostics: Cabalistic; Crime caper

KICKSHAWS David L. Silverman

Mad Avenue Strikes Again: A little thought will help to determine the type of cipher used by Addison-Wesley. It is rather unlikely to be a standard substitution cipher, because the message would then contain three different one-letter words. Although this is not impossible (a, I, O) it seems to stretch the laws of probability. As the cipher contains common letters for the most part, one can guess that it is a transposition cipher. What rule was used to scramble the letters? In an advertising message, the word BUY seems likely to appear. In this cipher, the letters Y and U are separated by two

characters (counting spaces as characters), and the letters U and B are similarly separated by two characters. If one follows this clue up and counts out every third letter (or space) backwards, the underlying message is quickly revealed:

SAY HELLO TO A GOOD BUY